DERWENT-ACC-NO: **1984-162536**

DERWENT-WEEK: 198426

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TITLE: Cement structures chemical resistance enhancement by contacting with carboxy cpd

PATENT-ASSIGNEE: HAZAMA GUMI LTD[HAZA]

PRIORITY-DATA: 1982JP-197447 (November 12, 1982)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
JP 59088387 A	May 22, 1984	JA

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP 59088387A	N/A	1982JP-197447	November 12, 1982

INT-CL-CURRENT:

TYPE	IPC	DATE
CIPP	C04B41/65	20060101
CIPS	C04B41/50	20060101

ABSTRACTED-PUB-NO: JP 59088387 A

BASIC-ABSTRACT:

Surface of **cement** construction is made to convert into calcite by contacting with carboxy cpd. (e.g. CO2 gas, **carbonated water,** formic acid, alkali carbonate), and thus chemicals-resistance of the **cement** construction is improved.

Cement construction has improved resistance to various chemicals such as sulphuric acid, sulphurous acid, hydrogen sulphide, mercaptan, phosphoric acid, phosphorous acid, sodium metaphosphate, nitric acid, nitrous acid, ammonia

amine, etc. Cement construction can be used effectively for sewage, chemicals
plant, etc.

The cement construction is contacted with carboxy cpd. by immersion in aq.
soln. of carboxy cpd., or by coating a paste contg. carboxy cpd. or by spraying
aq. soln. of carboxy cpd. onto the surface of the cement construction.

The cement construction is made by using normal Portland cement, high early
strength portland cement, slag cement, moderate heat portland cement or oil
well cement.

TITLE-TERMS: CEMENT STRUCTURE CHEMICAL RESISTANCE ENHANCE CONTACT CARBOXY
COMPOUND

DERWENT-CLASS: L02

CPI-CODES: L02-D02;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1278P

SECONDARY-ACC-NO:
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